

10/510153

DT05 Rec'd PCT/PTO 05 OCT 2004

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 7

Complete if Known

Application Number	10/510153
Filing Date	10/05/2004
First Named Inventor	Kia Silverbrook
Art Unit	2853
Examiner Name	AN H. DO
Attorney Docket Number	YU176US NP

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. 1	Document Number Number - Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US 20030085726 *	22.05.2003	Silverbrook et al	
		US 6,264,850 *	07.24.2001	Silverbrook	
		US 5,719,604 *	02.17.1998	Inui et al	
		US 5,666,141 *	09.09.1997	Matoba et al	
		US 4,672,398 *	06.09.1987	Kuwabara et al	
		US 4,737,802 *	04.12.1988	Mielke	
		US 5,029,805 *	07.09.1991	Albarda et al	
		US 5,258,774 *	11.02.1993	Rogers	
		US 4,553,393 *	11.19.1985	Ruoff	
		US 4,864,824 *	09.12.1989	Gabriel et al	
		US 4,423,401 *	12.27.1983	Mueller	
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FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. 1	Foreign Patent Document Country Code 3 - Number 4 - Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 5
		WO 00/55089 *	09.21.2000	Silverbrook Research Pty Ltd		
		JP 404001051 *	01.06.1992	Ricoh Co Ltd		
		EP 0 713 774 *	05.29.1996	Sharp Kabushiki Kaisha		
		DE 195 16 997 *	11.16.1995	Sharp K.K.		
		DE 196 23 620 *	12.19.1996	Sharp K.K.		
		JP 2 108544 (Abstract) *	04.20.1990	Seiko Epson Corp		
		JP 2 92643 (Abstract) *	04.03.1990	Seiko Epson Corp		
		JP 4 353458 (Abstract) *	12.08.1992	Brother Ind Ltd		
		JP 6 91865 (Abstract) *	04.05.1994	Seikosha Co Ltd		
		JP 6 91866 (Abstract) *	04.05.1994	Seikosha Co Ltd		
		JP 2 265752 (Abstract) *	10.30.1990	Matsushita Electronic Ind Co Ltd		
		EP 0 634 273	01.18.1995	Sharp Kabushiki Kaisha		

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Signature*[Signature]*Date
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Sheet 2 of 7

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Application Number 10/510153
 Filing Date 10/05/2004
 First Named Inventor Kia Silverbrook
 Art Unit 2853
 Examiner Name AN H. DO
 Attorney Docket Number YU176US NP

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-			
		US-			
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Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
		Country Code ³ - Number ⁴ - Kind Code ² (if known)				
		DE 195 32 913	03.28.1996	Sharp K.K.		
		JP 58 112747 (Abstract) *	07.05.1983	Fujitsu KK		
		DE 43 28 433	03.02.1995	Heidelberg Druckmaschinen AG		
		JP 61 025849 (Abstract) *	02.04.1986	Canon Inc.		
		JP 01 128839 (Abstract) *	05.22.1989	Ricoh Co Ltd		
		JP 04 126255 (Abstract) *	04.27.1992	Seiko Epson Corp		
		GB 2 262 152	06.09.1993	Willert Int Ltd		
		DE 195 16 997	11.16.1995	Sharp K.K.		
		JP 05 318724 (Abstract) *	12.03.1993	Seikosha Co Ltd		
		JP 02 162049 (Abstract) *	06.21.1990	Seiko Epson Corp		
		DE 32 45 283	06.07.1984	Siemens AG		
		JP 04 368851 (Abstract) *	12.21.1992	Seiko Epson Corp		

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control number				<div>Complete if Known</div> <div>Application Number 10/570,153</div> <div>Filing Date 10/05/2004</div> <div>First Named Inventor Kia Silverbrook</div> <div>Art Unit 2853</div> <div>Examiner Name AW H. DO</div> <div>Attorney Docket Number YU176US</div>	
Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)					
Sheet	3	of	7		

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. 1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code 3 - Number 4 - Kind Code 5 (if known)				
		JP 02 158348 (Abstract) *	06.18.1990	Minolta Camera Co Ltd		
		JP 03 112662 (Abstract) *	05.14.1991	Seiko Epson Corp		
		JP 03-653348-(Abstract)-**	03-20-1991	Matsushita Electric Ind-Co		
		EP 0.431.338	06.12.1991	Matsushita Electric Ind.Co		
		JP 01.257058	10.13.1989	Seiko.Epson.Corp		
		DE 195 17 969	11.30.1995	Sharp K.K		
		DE 196 39 717	04.17.1997	Sharp K.K		
		EP 0 737 580	10 16 1996	Canon K.K		
		EP 0 882 590	12 09 1998	Canon-K.K		
		EP 0 478 856	04.08.1992	Kernforschungs-Karlshruhe GMBH		
		DE 1.648.322	03.24.1971	VDO.Tachometerwerke GMBH		
		GB 1 428 239	03.17.1976	Cibie Projecteurs		

Examiner Signature		Date Considered	6/7/06
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











* Copies not attached as previously submitted to or cited by the USPTO in parent patent nos US 6,416,167, US 6,666,332 and US 6,540,332

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Substituta for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
Application Number				10/510,153	
Filing Date				10/05/2004	
First Named Inventor				Kia Silverbrook	
Art Unit				2853	
Examiner Name				AN H. 120	
Attorney Docket Number				YU176US NP	
Sheet	4	of	7		

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.†	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	†
   	   	DE 39 34 280 *	04.26.1990	CAE di Cipelletti Alberto	PLC	   
		DE 29'05 063 *	08.14.1980	Olympia Werke AG		
		WO-94-18010 *	08.18.1994	Domino-Printing-Sciences		
		EP 0.398.031 *	11.22.1990	Seiko Epson Corp.		
		EP 0 427 291 *	05.15.1991	Seiko Epson Corp.		
		JP 01 115639 (Abstract) *	05.08.1989	Ricoh Co Ltd		
		JP 58'116165 (Abstract) *	07.11.1983	Canon K.K		
		EP 0-627-314 *	12.07.1994	Olivetti Canon Ind SPA		
		JP-61-268453 (Abstract) *	11.27.1986	Olympus Optical Co Ltd		
		JP 04.118241 (Abstract) *	04.20.1992	Seiko Epson Corp.		
		EP 0 506 232 *	09.30.1992	Videojet Systems Int, Inc		
		JP 07 314665 (Abstract) *	12.05.1995	Canon Inc		

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Signature

Date Considered

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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/510153
		Filing Date	10/05/2004
		First Named Inventor	Kia Silverbrook
		Art Unit	2853
		Examiner Name	HAJ H. DO
Sheet 5 of 7	Attorney Docket Number	YU176US NP	

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		JP 03 180350 *	08.06.1991	Seiko Epson Corp		
		WO 97 12689 *	04.10.1997	The Board of Trustees of the Leland Stanford University		
		JP 02 050841 (Abstract) *	02.20.1990	Seiko Epson Corp		
		EP 0 510 648 *	10.28.1992	Ivri Yehuda		
		JP 05 28765 (Abstract) *	10.29.1993	Canon Inc		
		JP 04 141429 (Abstract) *	05.14.1992	Seiko Epson Corp		
		JP 01 105746 (Abstract) *	04.24.1989	Ricoh Co. Ltd		
		GB 792 145 *	03.19.1958	Technograph Printed Circuits Ltd		
		EP 0 750 993 *	01.02.1997	Canon K.K.		
		JP 01 306254 (Abstract) *	12.11.1989	Seiko Epson Corp		
		EP 0 092 229 *	10.26.1983	Siemens AG		

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Sheet 6 of 7

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 Filing Date 10/05/2004
 First Named Inventor Kia Silverbrook
 Art Unit 2853
 Examiner Name AN #. 20
 Attorney Docket Number YU176US NP

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		DE 37 16 996 *	12.08.1988	VDO Schindling		
		DE 34 30 155 *	02.27.1986	Siemens AG		
		FR 2-234-076 *	12.20.1974	Electricite De France		

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		Filing Date	10/05/2004
		First Named Inventor	Kia Silverbrook
		Group Art Unit	2853
		Examiner Name	AN H. DO
Sheet 7 of 7	Attorney Docket Number	YU176US	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
<i>[Signature]</i>		NOWOROLSKI, J. MARK et al, "Process for in-plane and out-of-plane single-crystal-silicon thermal microactuators". Sensors and Actuators, A, CH, Elsevier-Sequoia S.A., Lausanne, Vol-55, no-1, 15-July-1996, pp-65-69, XP004077979 ISSN: 0924-4247.	
<i>[Signature]</i>		ATAKA, MANABU et al, "Fabrication and Operation of Polymide-Bimorph Actuators for Ciliary Motion System". Journal of Microelectromechanical Systems, US, IEEE Inc. New York, Vol. 2, no. 4, 1 December 1993, pp 146-150, XP000443412, ISSN: 1057-7157.	
<i>[Signature]</i>		YAMAGATA, YUTAKA et al, "A Micro Mobile Mechanism Using Thermal Expansion and its Theoretical Analysis". Proceeding of the workshop on micro electro mechanical systems (MEMS), US, New York, IEEE, Vol. Workshop 7, 25 January 1994, pp-142-147, XP000528408, ISBN: 0-7803-1834-X.	

Examiner Signature	<i>[Signature]</i>	Date Considered	6/7/06
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